

Date: Sun, 21 Nov 93 17:29:49 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1371
To: Info-Hams

Info-Hams Digest Sun, 21 Nov 93 Volume 93 : Issue 1371

Today's Topics:

[Question] QSL route
ANS-324 BULLETINS
Dayton...again
Elmers are dead, god help us HAMS!
Emergency use of modified HT
Hams on *The* Farm
How do I contact Yaesu?
Mag Mount Paint Damage
Miss Manners in the Novice Sub-bands?
packet-internet gateways
RACES Bulletin #301
Reaching ham-radio buffs in India
WAS: ENGLAND PURGING MOR
What's a trunked system?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 19 Nov 93 03:10:50 GMT
From: sinetnews!news.u-tokyo.ac.jp!wnoc-tyo-news!waseda-mail!wsdnws!wsdnws!
63d048@rsch.wisc.edu
Subject: [Question] QSL route
To: info-hams@ucsd.edu

This is a list of stations which I made qso in
1991-1992 but I couldn't find QSL route. Please
let me know if you have any info.

A35MX
A42A
EA9EA
FM6A
H44IO
HI3AB
P40J
PJ7A
PJ9W
PJ9X
TI4CF
TU4SR
V31ZR
V85HG
VP2E
YJ0AJU
Z21HS
ZD8DX

thanks

--

Hidekazu Noguchi
E-mail:63d048@cfi.waseda.ac.jp

Ham:7K1BWM

Date: 22 Nov 93 00:44:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: ANS-324 BULLETINS
To: info-hams@ucsd.edu

SB SAT @ AMSAT \$ANS-324.01
MORE DOVE TELEMETRY FORMATS

HR AMSAT NEWS SERVICE BULLETIN 324.01 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 20, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-324.01

NK6K Explains More Of DOVE's Telemetry Format

The LSTAT line is sent by the loader portion of PHT (the loader/command/telemetry task). Its purpose is to show the state of the software loader process so that if something goes wrong during upload, the DOVE ground command stations can tell what needs to be done to continue the process.

The LSTAT line comes in two types, as shown below.

I P:0xhhhh o:n l:nnnn f:nnnn, d:n st:n\

A: 0xhhhh, P:0xhhhh, o:n l:nnnn f:nnnn, d:n st:n

I - means there is no software load in progress (inactive)

A: - means a software load is in progress (active). hhhh is the segment address of the program being loaded.

P: - the segment of the running program (PHT). The initial load of PHT is always at 0x3000. Any other address here means PHT has been reloaded.

o: - The number of times the HDLC output queue was full when PHT tried to send a frame. This is left over from debugging the only major bug found in the I/O drivers since launch. A bug occasionally caused a 65,535 byte frame to be sent, filling the output queue for nine minutes. This should always be zero.

l: - The largest free memory block, in decimal paragraphs. To find the the number of free bytes in the largest block, multiply this number by 16. This number shows the largest program that can be loaded at that time.

f: - The total amount of free memory, in decimal paragraphs.

d: - The digipeat flag, 1 is digipeat on, 0 is digipeat off. (Will always be off for DOVE)

st:- The task number of the last task loaded.

[The AMSAT News Service (ANS) would like to thank Harold Price (NK6K) for this bulletin item.]

/EX

SB SAT @ AMSAT \$ANS-324.02
AMSAT OPS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 324.02 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 20, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-324.02

Current AMSAT Operations Net Schedule For AO-13

AMSAT Operations Nets are planned for the following times. Mode-B Nets are conducted on AO-13 on a downlink frequency of 145.950 MHz. If, at the

start of the OPS Net, the frequency of 145.950 MHz is being used for a QSO, OPS Net enthusiasts are asked to move to the alternate frequency of 145.955 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
28-Nov-93	0230	B	39	WJ9F	VE2LVC
12-Dec-93	0435	B	180	W9ODI	WB6LLO
3-Jan-94	0200	B	160	WA5ZIB	N7NQM

Any stations with information on current events would be most welcomed. Also, those interested in discussing technical issues or who have questions about any particular aspect of OSCAR statellite operations, are encouraged to join the OPS Nets. In the unlikely event that either the Net Control Station (NCS) or the alternate NCS do not call on frequency, any participant is invited to act as the NCS.

Slow Scan Television on AO-13

SSTV sessions will be held on immediately after the OPS Nets a downlink on a Mode-B downlink frequency 145.960 MHz.

/EX

SB SAT @ AMSAT \$ANS-324.03
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 324.03 FROM AMSAT HQ
SILVER SPRING, MD NOVEMBER 20, 1993
TO ALL RADIO AMATEURS BT
BID: \$ANS-324.03

Weekly OSCAR Status Reports: 20-NOV-93

AO-13: Current Transponder Operating Schedule:

L QST *** AO-13 TRANSPONDER SCHEDULE *** 1993 Nov 15-Jan 31

Mode-B : MA 0 to MA 95 ! / Eclipses, max

Mode-B : MA 95 to MA 180 ! OFF Dec 07 - 24. < duration 136

Mode-B : MA 180 to MA 218 ! \ minutes.

Mode-S : MA 218 to MA 220 !<- S beacon only

Mode-S : MA 220 to MA 230 !<- S transponder; B trsp. is OFF

Mode-BS : MA 230 to MA 256 ! Blon/Blat 240/-5

Omnis : MA 250 to MA 150 ! Move to attitude 180/0, Jan 31

AO-13 will experience another partial solar eclipse on 1993 Dec 13 [Mon]. It sees the Moon eclipse the Sun from 10:09 - 10:59 UTC with a maximum 53% obscuration at 1034 utc. This is Orbit #4211 MA 73-92. The encounter will be "visible" on the telemetry to stations throughout the USA and Japan.

Reports would be appreciated. Stations who observed this spectacular eclipse of Nov 13 will know what to look for. Eclipses of sun by earth commence on Dec 07 [Tue] and continue until Dec 24 [Fri]. The eclipses are of course total. The maximum lasts 2 hours and 16 minutes, and is the longest AO-13 has ever experienced. The telemetry during these outages is very interesting, particularly the spacecraft temperatures; some reach -40 C. The Mode-B transponder will be OFF from MA 95 to 180 during this two week period. [G3RUH/DB20S/VK5AGR]

DOVE: TLM has been copied moderately well on 145.825 MHz, with much stronger signal levels on the S-band beacon. Please send any telemetry that you capture to PY2BJO at his INTERNET address of py2bjo@amsat.org. [W7IUV]

AO-16: Operating normally. [WH6I]

UO-22: Operating normally. [WH6I]

LO-19: Operating normally. [WH6I]

KO-23: Up and running. Busy as usual. There are a number of images. [WH6I]

KO-25: File system is up but not open for uploads. It appears that the satellite has taken an EIS image, but it is not available. [WH6I]

IO-26: Up and running with a lot of activity. [WH6I]

FO-20: The FO-20 Mode JA period on the 17-18th of November provided strong downlink and beacon signals but only moderate activity during the passes that were visible. The following is the FO-20 operating schedule:

Analog mode:	24-Nov-93	08:20	-to-	25-Nov-93	8:38	UTC
	01-Dec-93	08:43	-to-	07-Dec-93	7:16	UTC
	15-Dec-93	07:41	-to-	22-Dec-93	8:05	UTC

Digital mode: otherwise noted above. In December, analog mode and digital mode will be ON alternately for a week, respectively. [W7IUV & JJ1WTK]

RS-10: RS-10 has had excellent downlink signals, but only moderate activity during the last week. This bird produces more fun per pass than any other amateur satellite in orbit. [W7IUV]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly OSCAR status reports. If you have a favorite OSCAR which you work on a regular basis and would like to contribute to this bulletin, please send your observations to WD0HHU at his CompuServe address of 70524,2272, on INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO

area, WDOHHU @ WOLJF.#NECO.CO.USA.NOAM. Also, if you find that the current set of orbital elements are not generating the correct AOS/LOS times at your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL. The information you provide will be of value to all OSCAR enthusiasts.

/EX

Date: 21 Nov 1993 15:55:09 GMT
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!moe.ksu.ksu.edu!
crcnis1.unl.edu!unlinfo.unl.edu!djw@ames.arpa
Subject: Dayton...again
To: info-hams@ucsd.edu

I am planning a trip to the Dayton Hamvention. This will be my first time attending. Is there a contact such as a "Visitor's Bureau" or an organization or person that can give me some info/advice on obtaining lodging? It is my understanding that accommodations need to be booked early (read:soon!!). Any assistance will be appreciated. Thank You!! Dan-WA0JRD....

E-Mail: djw@unlinfo.unl.edu
OR post to the net if you will.....

Date: 22 Nov 93 00:11:12 GMT
From: brunix!doorknob!sds@uunet.uu.net
Subject: Elmers are dead, god help us HAMS!
To: info-hams@ucsd.edu

>If you want to talk to someone on a repeater, just say so.
>"Monitoring" means just that. Call CQ, or say "anyone wanna talk?" or
>something like that if you just want someone to chat with; "monitoring"
>does not mean "CQ".

Hmm... from what I had heard, the convention was that "monitoring" was "I'm here to talk" and "CQ" was expressly verboten on VHF/UHF repeaters.

I think that an ARRL pamphlet I saw on using repeaters echoed that sentiment.

Is it just a regional/group/repeater difference?

Scott Swanson - Scott_Swanson@brown.edu - n9sat

| air mail: WB9VGJ

=====

Date: Sun, 21 Nov 1993 08:39:14 GMT
From: olivea!pagesat!herald.indirect.com!bradf@uunet.uu.net
Subject: Hams on *The* Farm
To: info-hams@ucsd.edu

Going back about 15 years (or more!) I remember reading in Mother Earth News Magazine about a commune in Tennessee, called the Farm, and how they got involved in ham radio. Amateur radio was used as a hobby, but also for communications with members residing in Mexico. I think they had a regular net operation as well.

I was just wondering if anybody else knew if the Farm still exists, and/or if there are still amateur operators still at work out there?

73

--

= Brad Fisher =- (PPSEL)	I'm just SCINET Inc.
internet: brad@bradf.tnet.com	a Tech Support
-or- bradf@indirect.com	wanna be Scottsdale, AZ
packet: N7XSS@KC7Y.AZ.USA.NA	UNIX guru! 602/991-3445

Date: Sun, 21 Nov 1993 09:02:50 GMT
From: olivea!pagesat!herald.indirect.com!bradf@uunet.uu.net
Subject: How do I contact Yaesu?
To: info-hams@ucsd.edu

CONTRACTOR Steven G. Berman;WR-ALC/LKS (sberman@robins.af.mil) wrote:
: I hate to be flip, but do you speak Japanese? That's the ONLY way
: you'll ever speak to a Yaesu engineer.

I hate when you're flip too :-) ... I've had very good communication with the tech support at Yaesu. Just bought a used 757GX with some medium grade problems that needed attention ... even though this is an old rig, they were *very* attentive to my needs for information and help. Even sent me a service manual with a *bill*! (no COD!).

I can guarantee, you that my satisfaction with the performance of this rig aside ... I'll be buying Yaesu when it's time for that brand spankin' new rig ... cuz I know they'll take care of me if there's any problem.

73

--

= Brad Fisher =- (PPSEL)
internet: brad@bradf.tnet.com
-or- bradf@indirect.com
packet: N7XSS@KC7Y.AZ.USA.NA

I'm just | SCINET Inc.
a | Tech Support
wanna be | Scottsdale, AZ
UNIX guru!| 602/991-3445

Date: 20 Nov 93 21:18:19 PST
From: news.mic.ucla.edu!kaleida.com!apple.com!agate!usenet.ins.cwru.edu!eff!
news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!csus.edu!csulb.edu!
nic.csu.net!@@library.ucla.edu
Subject: Mag Mount Paint Damage
To: info-hams@ucsd.edu

I notice that my two-meter mag mount is leaving rings on the paint of my trunk. Has anyone got any tips for preserving the paint and still using a mag mount?

Please send e-mail. Thanks.

David
AB6XR

Date: Thu, 18 Nov 1993 03:44:01 GMT
From: mulvey!rich@uunet.uu.net
Subject: Miss Manners in the Novice Sub-bands?
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: In article <1993Nov16.043632.12907@icaen.uiowa.edu> drenze@icaen.uiowa.edu
(Douglas J Renze) writes:

: >I've got a little question. I was tuning across the 80-meter novice subband
: >tonight, and right at 3700kHz I noticed a QSO taking place at 20+ WPM. It
: >was coming across S9+10 when everything else was coming across S6-7, and
: >that combined with the fact that they both sounded like 0 call-signs makes
: >me think that at least one of these guys might have been Iowans, and, at least
: >with *my* equipment, this was the only part of 80 that sounded like it was
: >reliably open at that time (I started hearing some other stations outside
: >the novice subbands later--I was just looking for code copy).
: > Now, for my question. (And, BTW, I'm not trying to condemn anybody's
: >practice, call anybody a lid, or anything else--I'm genuinely curious.) What
: >is the correct etiquette for running high-speed code in the Novice subbands?
: >It wasn't anything big tonight, since even that area was uncrowded, but I'm
: >just curious...the novice subbands are supposedly "training bands" (anything
: >like training pants or training wheels? ;-) ;-) ;-) <- for the humour-impaired)

: >for lowly Novices/Techs like me. If there's a big demand for them by novices/
: >techs, should higher-class licenses QSY? *do* they QSY?

: I'm assuming you couldn't copy their calls Doug, so I'm asking this
: as a rhetorical question. Are you sure they *weren't* Novices? Some
: people have a natural talent for high speed Morse, and little interest
: in other aspects of amateur radio. I've known some Novices who could
: bat along at really outrageous code speeds, but had no interest, or
: in some cases professed no ability, to learn the technical material
: required to upgrade their license class. Thus they were "stuck" in
: the Novice segments. This so called idiot savant talent is rare, but
: not so rare that you don't run across it occasionally, especially with
: purely mechanical talents such as Morse.

: On the other hand, if neither of the stations were Novice, or coded Tech,
: licensees, then the behavior *was* somewhat rude.

I wouldn't say that. As a tech+ for a few months, I've spent all of
my time running QRP-CW on 40 meters. It's all well and fine to crank
along at 5-10WPM, but I'm MUCH more interested in having QSO's with
higher-speed operators who push my limits and help me to increase my
speed. Since I'm currently limited to the Novice bands, I find myself
somewhat thankful for the 20wpm operators who actually take the time to
help me, instead of letting me copy the mistakes of other newbies like
myself. :-)

- Rich

--

Rich Mulvey
rich@mulvey.com

Amateur Radio: N2VDS
"Ignorance should be painful."

Rochester, NY

Date: 21 Nov 93 22:14:20 GMT

From: ogicse!emory!europa.eng.gtefsd.com!gatech!mailer.acns.fsu.edu!

freenet.scri.fsu.edu!twright@network.ucsd.edu

Subject: packet-internet gateways

To: info-hams@ucsd.edu

A while back someone posted a list of Packet to internet gateways.
If anybody that has this list still in file would you please send it
to me. A friend is setting up an org account via the gates and needs
the info.

For KA4DRZ Buck

de

Tim Wright KD40VM

T.Wright@msuacad.morehead-st.edu

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Date: 21 Nov 93 17:34:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #301
To: info-hams@ucsd.edu

Msgid : \$RACESBUL.301

TO: ALL ES, CD, AND PUBLIC SAFETY DIRECTORS VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CALIFORNIA
INFO: ALL AMATEUR RADIO OPERATORS
FROM: CA STATE OFFICE OF EMERGENCY SERVICES (W6SIG@WA6NWE.CA)
2800 MEADOWVIEW RD., SACRAMENTO, CA 95832 916-262-1600
LANDLINE BBS OPEN TO ALL 916-262-1657
RACESBUL.301 RELEASE DATE: November 22, 1993

SUBJECT: MGT - Team building - Part 1/3

An official asks the questions: How and where do you recruit people? How do you do it for your organization?

First, it was determined what paid staff position is responsible for the program. This is the person to whom the chief volunteer reports.

Second, the agency appoints a volunteer as the program manager. Emphasis is on the word manager. Technical or radio operating competence is not paramount. Get someone who is too busy to do it alone; someone who readily delegates assignments and duties. Someone who builds a team in depth to create and maintain a viable service.

Team and service are critical to any successful program. To treat the volunteers as a detached, outside, self-governing, on-call-only group is to invite problems that often lead to an early program dissolution for preventable reasons.

(Continued in part 2 of 3)

EOM

Station Origination:W6WWW@KD6XZ.#NOCAL.USA.NA

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races and can be retrieved using FTP.

Date: Sun, 21 Nov 1993 19:11:43 GMT
From: library.ucla.edu!csulb.edu!csus.edu!wupost!howland.reston.ans.net!
newsserver.jvnc.net!newsserver.egr.uri.edu!ramli@network.ucsd.edu
Subject: Reaching ham-radio buffs in India
To: info-hams@ucsd.edu

(I originally posted this to rec.ham-radio before I became
aware that it had renamed.)

A friend of mine who is a member of the URI Ham Club
wants to contact people in India via ham radio.
He says that he has not been able to contact any
one so far. If you have been able to talk to people
in India, he will be delighted to hear from you.

If you wish to respond, please send him email
at:

macinnes@ele.uri.edu (Craig MacInnes)

Please do not respond to this account.
~~~~~

Thanks in advance.

Ramli.

-----  
Date: 09 Nov 93 23:36:00 GMT  
From: munnari.oz.au!metro!sequoia!ultima!kralizec.zeta.org.au!ixgate!  
merv.james@tcgould.tn.cornell.edu  
Subject: WAS: ENGLAND PURGING MOR  
To: info-hams@ucsd.edu

Original to: Jherman@uhunix3.uhcc.hawa

h> Oh, gad - what have I done! Look, this was supposed to be a parody  
Jh> for those who twisted Morse code into Morris dancing last month.  
Jh> And I guess I have to flame myself for not knowing what the maypole  
Jh> REALLY represents. Sigh.

Thrice round the maypole dances Miss Prism.  
Plainly not knowing its symbolism.

Merv

\_\_\_ Blue Wave/QWK v2.12

--- TMail v1.31.5

\* Origin: Oracle PC-Network - Sth Aust HAM Support (08) 234-0791  
(3:800/804)

-----  
Date: 22 Nov 93 00:27:07 GMT

From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!

usenet.ins.cwru.edu!odin!trier@network.ucsd.edu

Subject: What's a trunked system?

To: info-hams@ucsd.edu

Every now and then, I see references to "trunked systems" popping up in the rec.radio.amateur groups. Just what is a trunked system?

Thanks.

Stephen

--

Stephen Trier KB8PWA            "The light at the end of the tunnel  
Work: trier@ins.cwru.edu       may be an oncoming dragon"  
Home: sct@po.cwru.edu           - Unknown

-----  
Date: 18 Nov 1993 14:48:00 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!emory!

news-feed-1.peachnet.edu!concert!quad.wfunet.wfu.edu!ac!matthews@network.ucsd.edu

To: info-hams@ucsd.edu

References <9311122339.AA02883@cmr.ncsl.nist.gov>,  
<753223500snx@llondel.demon.co.uk>, <CGK20J.5u5@alsys.com>ed-1.p

Subject : Re: Abbreviating Dates

Gary Morris @ignite (garym@alsys.com) wrote:

: In <753223500snx@llondel.demon.co.uk> dave@llondel.demon.co.uk (David Hough)  
writes:

: >>Abbreviated            Countries where used

: >>-----               -----

: >> 1993-12-15            Canada(French), Hungary, Yugoslavia, Czechoslovakia, Sweden,

: >>                       Poland

: >>Note: Doesn't Japan use something like the last format (above)?

: This is the ISO standard date format, too bad more people don't use it.  
: It's unambiguous and sorts nicely too.  
: --GaryM

This, and variations leaving out the "-" and "19", are the only reasonable choices, because:

1. For the next 6 years most people unfamiliar with the notation will still interpret it correctly.
2. It sorts nicely.
3. As I just learned, it is the ISO standard.

Using the three letter month field does not lend itself to sorting and is language dependent.

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|                              |                         |            |
|------------------------------|-------------------------|------------|
| Rick Matthews                | matthews@wfunet.wfu.edu | Ham radio: |
| Wake Forest University       | 919-759-5340 (Voice)    | WA4GSP     |
| Winston-Salem, NC 27109-7507 | 919-759-6142 (FAX)      |            |

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Date: Sun, 21 Nov 1993 13:15:07 GMT  
From: haven.umd.edu!darwin.sura.net!emory!kd4nc!ke4zv!gary@ames.arpa  
To: info-hams@ucsd.edu

References <1993Nov18.034401.1913@mulvey.com>, <19,  
<rohvm1.mah48d-191193073358@136.141.220.39>  
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)  
Subject : Re: Miss Manners in the Novice Sub-bands?

In article <rohvm1.mah48d-191193073358@136.141.220.39> rohvm1.mah48d@rohmmaas.com (John E. Taylor III) writes:

>In article <1993Nov18.143557.3937@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us

>(Gary Coffman) wrote, in part:

>> . If \*neither\*

>> party were Novice/Tech+ then I think it's rude for them to occupy

>> the tiny band segment allocated to N/T when they have plenty of

>> alternative space available. However, if \*either\* of the parties

>> were N/T, then they were obviously in the right place since the

>> N/T \*couldn't\* operate anywhere else.

>

>With the current callsign structure it can be difficult to know when you're

>calling a novice/tech+. I've got a 1 x 3 callsign, just like a tech+, but

>have had an Extra ticket for 25 years. As a result, when I operate in the

>novice bands, I tend to answer CQ's from people sending 10 wpm or less,

>just to avoid the problem of two higher-class licensees cluttering the

>limited space available to the novice/techs. Problem is, this  
>discriminates against those novice/techs looking for a higher speed QSO.  
>Dare I run the risk of being rude, Gary, and answer an N-XXX call sending  
>CQ at 20 wpm? :-) Seriously, we all ought to drop by the novice bands to  
>chat (with \_them\_, of course), and not isolate them.

Abosolutely, I agree that we should drop by the N/T segments often and offer a friendly hand. I also understand it isn't always possible to recognize that another station may be other than N/T by callsign. I'm just suggesting that we shouldn't deliberately try to make non-N/T contacts in their segments. If it happens, well it happens, but it shouldn't be our intent to usurp their band segments for contacts between higher class stations.

Gary

--

|                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| Gary Coffman KE4ZV          | Where my job's going,  | gatech!wa4mei!ke4zv!gary |
| Destructive Testing Systems | I don't know. It might | uunet!rsiatl!ke4zv!gary  |
| 534 Shannon Way             | wind up in Mexico.     | emory!kd4nc!ke4zv!gary   |
| Lawrenceville, GA 30244     | -NAFTA Blues           |                          |

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End of Info-Hams Digest V93 #1371

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